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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, October 21, 2024  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

EQT PRODUCTION COMPANY  
400 WOODCLIFF DR.

CANONSBURG, PA 15317

Re: Permit Modification Approval for BRECKENRIDGE S-26HM  
47-051-02433-00-00

**Lateral Extension**

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: BRECKENRIDGE S-26HM  
Farm Name: CNX LAND LLC  
U.S. WELL NUMBER: 47-051-02433-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 10/21/2024

Promoting a healthy environment.

10/25/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: EQT Production Company 306686 Marshall Cameron Glen Easton 7.5  
Operator ID County District Quadrangle

2) Operator's Well Number: S-26HM Well Pad Name: Breckenridge

3) Farm Name/Surface Owner: CNX Land LLC Public Road Access: CR 62

4) Elevation, current ground: 1370.61' (pad built) Elevation, proposed post-construction: 1370.61'

5) Well Type (a) Gas  Oil  Underground Storage

Other

(b) If Gas Shallow  Deep

Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus, 6,977', 52', 3,800 psi

8) Proposed Total Vertical Depth: 6,977'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 21,265

11) Proposed Horizontal Leg Length: 11,497'

12) Approximate Fresh Water Strata Depths: 1,038'

13) Method to Determine Fresh Water Depths: Offset Wells - 051-70164, 051-00754, 051-00750

14) Approximate Saltwater Depths: 1,803', 1,843', 1,903', 2,008'

15) Approximate Coal Seam Depths: 778'-784', 965'-968', 1,051'-1,056'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes  No

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(a) If Yes, provide Mine Info: Name: Marshall County Mine  
Depth: 1,051'-1,056'  
Seam: Pittsburgh  
Owner: Marshall County Coal Resources, Inc.

CK# 605416

# 7500

7/18/2024

*Strader Gower*  
10/09/2024

18) **CASING AND TUBING PROGRAM**

<b>TYPE</b>	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
Conductor	30	New	BW	BW	120	120	259 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1158	1158	1200 ft^3 / CTS
Coal							
Intermediate	9 5/8	New	J-55	36	3035	3035	1013 ft^3 / CTS
Production	6	New	P-110	24	21265	21265	500' above intermediate casing
Tubing							
Liners							

<b>TYPE</b>	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
Conductor	30	36	1.0	2333	1866	Class A	1.2
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A	1.18
Coal							
Intermediate	9 5/8	12 3/8 - 12 1/4	0.352	3520	2816	Class A	1.18
Production	6	8 3/4 - 8 1/2	0.400	14580	11664	Class A/H/L	1.04 - 2.10
Tubing							
Liners							

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

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*Strader Gower*  
 10/09/2024

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 45.60 acres

22) Area to be disturbed for well pad only, less access road (acres): 8.59 acres

23) Describe centralizer placement for each casing string:

- Surface: Bow spring centralizers – One centralizer at the shoe and one spaced every 500’.
- Intermediate: Bow spring centralizers– One centralizer at the shoe and one spaced every 500’.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conductor: No additives  
Surface: Calcium Chloride. Used to speed the setting of cement slurries  
Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.  
Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Anti-Settling/Suspension Agent

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25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.  
Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.  
Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

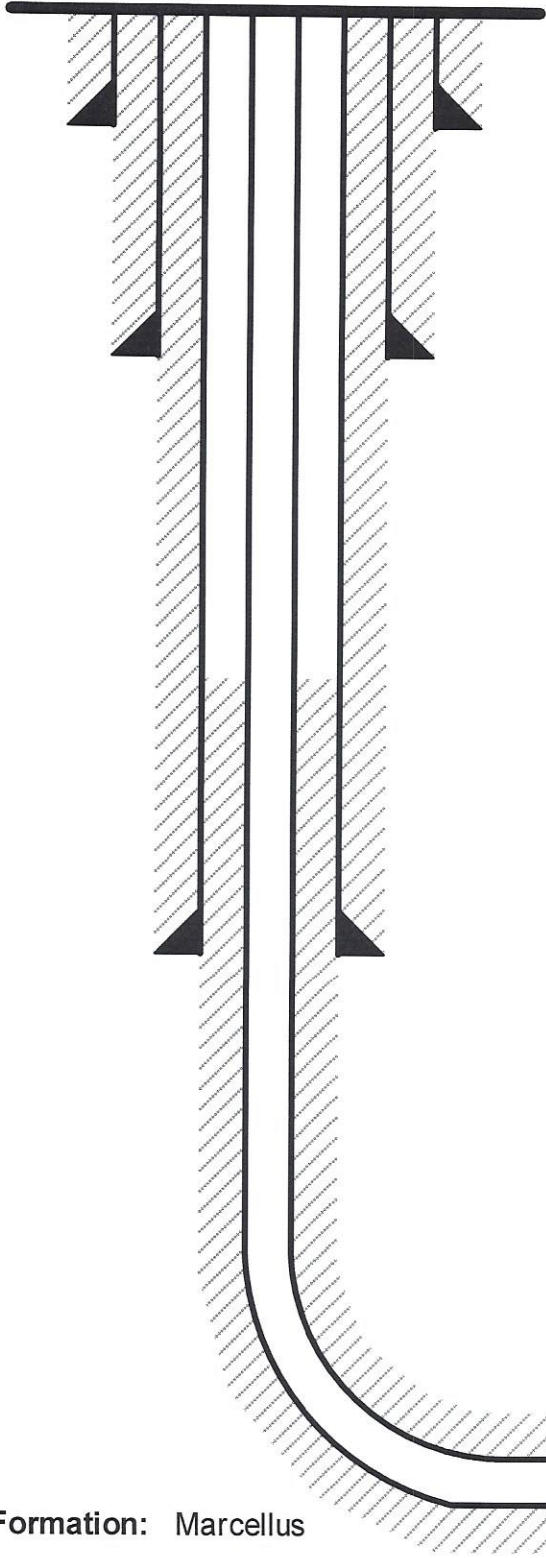
\*Note: Attach additional sheets as needed.

**EQT Production (Tug Hill)**

**Wellbore Diagram**

Well: Breckenridge S-26HM  
Pad: Breckenridge  
Elevation: 1370' GL 1383' KB

County: Marshall  
State: West Virginia



**Conductor @ 120'**

30", BW, BW, cement to surface w/ Class A

**Surface @ 1,158'**

13-3/8", 54.5#, J-55, cement to surface w/ Class A

**Intermediate @ 3,035'**

9-5/8", 36#, J-55, cement to surface w/ Class A

**Production @ 21,265' MD / 6,977' TVD**

6", 24#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L

**Formation: Marcellus**

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*Strader Gower*  
10/09/2024

NOT TO SCALE  
10/25/2024

**WEST VIRGINIA GEOLOGICAL PROGNOSIS**

Breckenridge  
S-002889

**Drilling Objectives:** Marcellus  
**County:** Marshall  
**Pad Name:** Breckenridge  
**Elevation:** 1383 KB  
**Recommended Azimuth:** 149 Degrees

1370 GL

**Coal requirements:** Run a deviation survey from surface to the drilled depth approximately 20' from the top of the Pittsburgh #8 coal seam and shall promptly provide the certified results of the deviation survey to Marshall County Coal Resources, Inc.

**ESTIMATED FORMATION TOPS**

Formation	Top (TVD)	Base (TVD)	Lithology	Comments	Top RR	Base RR
Fresh Water Zone	1	1038		FW @ 1038 , , ,	1026	1929
Waynesburg	778	784	Coal	Solid Coal		Base of Red Rock
Sewickley	965	968	Coal	Solid Coal		
Pittsburgh	1050	1056	Coal	Solid Coal - Active Mine		
Big Lime	2249	2503	Sandstone			
Big Injun	2503	2558	Sandstone			
Int. csg pt	2608					
Berea	2833	3249	Silty Sand	Possible oil/gas show		
Gordon	3251	3313	Silty Sand	Possible oil/gas show		
50F	3328	3446	Silty Sand	Possible oil/gas show		
Bayard	3446	5622	Silty Sand	Possible oil/gas show		
Alexander	5622	6065	Silty Sand			
Elks	6065	6622	Gray Shales and Silts			
Sonyea	6622	6729	Gray shale			
Middlesex	6729	6758	Shale	Possible Gas		
Genesee	6758	6808	Gray shale interbedded	Possible Gas		
Genesee	6808	6834	Black Shale			
Tully	6834	6859	Limestone			
Hamilton	6859	6952	Gray shale with some			
Marcellus	6952	7003	Black Shale			
Purcell	6972	6974	Limestone			
<b>-Lateral Zone</b>	<b>6977</b>			<b>Start Lateral at 6977'</b>		
Cherry Valley	6992	6994	Limestone			
Onondaga	7003		Limestone			
Target Thickness	52	feet				
Max Anticipated Rock Pressure	3800	PSI				

**Comments:**  
 Note that this is a TVD prog for a horizontal well (azimuth of 149 degrees; target formation = Marcellus). All measurements taken from estimated KB elevation. Water and coal information estimated from surrounding well data.  
 Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.  
 The estimated landing point TVD is 6977', rig geologist may adjust landing point. After the well is landed, drill to reported bed dips/ geologists' recommendation. The geologic structure is unknown at this time.

**LATERAL DRILLING TOLERANCES**

**Mapview - Lateral:** Deviate as little as possible to the left or right of the planned wellbore.  
**Mapview - TD:** DO NOT EXTEND beyond recommended wellbore to avoid lease line.

**RECOMMENDED CASING POINTS**

**Fresh Water/Coal:** CSG OD 13 3/8 CSG DEPTH: 1106 50' below pittsburgh coal  
**Intermediate 1:** CSG OD 9 5/8 CSG DEPTH: 2608 50' Below Big Injun  
**Production:** CSG OD 5 1/2 CSG DEPTH: @ TD

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EQT Production  
Hydraulic Fracturing Monitoring Plan  
Pad ID: Breckenridge  
County: Marshall

October 10, 2024

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**Purpose**

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near EQT hydraulic fracturing in Marshall County, WV prior to hydraulic fracturing at the following EQT wells on the Breckenridge pad: S-7HM, S-8HM, S-9HM, S-10HM, S-24HM, S-25HM, S-26HM

Due to the requirements under 35CSR8 5.11, the permittee is required to review the area surrounding the proposed well pad so as to identify and evaluate potential conduits for unintended fracture propagation.

A report is required to be submitted along with a well work permit application.

The plan is being implemented as an additional safety measure to be utilized in conjunction with existing best management practices and emergency action plans for the site. These additional measures include coordination with well operators of the timing and location of the hydraulic fracturing, establishment of measures well operators should implement, and assurance that the OOG is notified of the timeline, as well as any issues that may arise during fracturing.

**1. Communications with Well Operators**

EQT, using available data (WV Geological Survey, WVDEP website, and IHS data service), has identified all known wells and well operators within 500 feet of this pad and the lateral sections that are known or could reasonably be expected to be within range of the fracture propagation. A map showing these wells along with a list of the wells and operators is included in **Attachment A**.

EQT will notify these operators of the hydraulic fracturing schedule for these wells, and coordinate with them throughout the fracturing process.

EQT will recommend to these operators at a minimum to:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure
3. Inspect or install master valves or other necessary equipment for wellhead integrity capable of a pressure recommended by EQT
4. Notify the OOG and EQT if any changes in water, gas production, pressure, or other anomalies are identified

**2. Reporting**

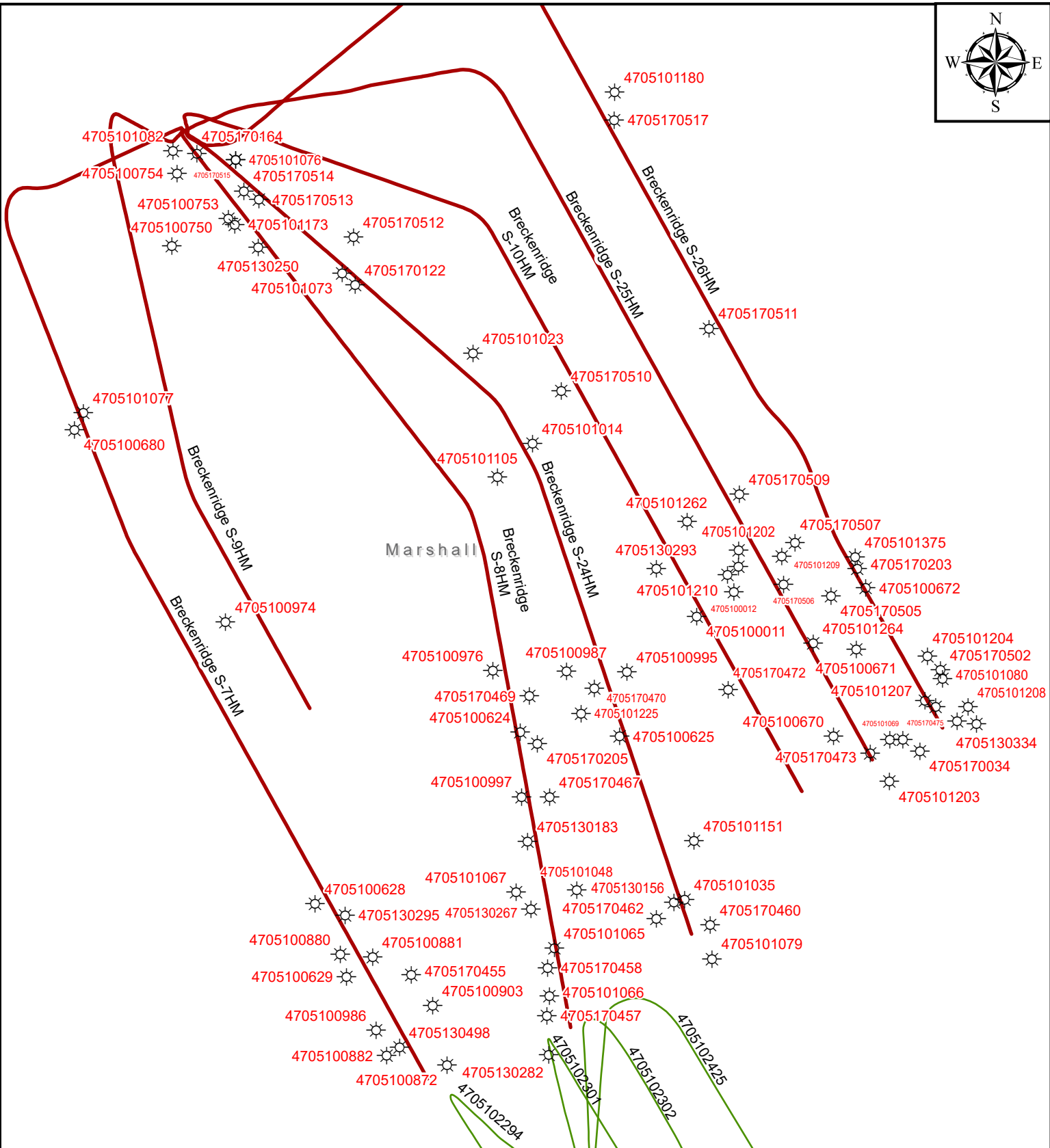
EQT will provide information relating to the hydraulic fracturing schedule, communication with other operators, and ongoing monitoring of the work upon request of OOG or immediately in the event of any noted abnormalities.

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**EQT** Corporation  
625 Liberty Avenue  
Pittsburgh, PA 15222

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**Breckenridge**

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**Vertical Offsets and Foreign Laterals within 500 Feet**

**Legend**

Well Lateral by Formation

- Genesee
- Marcellus
- Utica
- States

Counties

- Breckenridge\_Offset\_Wells
- Breckenridge\_Offset\_Wells\_add
- Breckenridge\_Offset\_Laterals

850 425 0 850

Feet  
1:20,485

Disclaimer:  
This map is confidential and is to be used only for the express informational purposes for which it was created. Unauthorized use, copying, or dissemination is strictly prohibited. EQT does not warrant the accuracy of the location of any items shown on this map, including, but not limited to, any structures, well or pipeline facilities, property boundaries, topography, roadways, or waterways. The items shown on the map may not have been placed on the map using survey lines or GPS coordinates. The specific location of any of the map items should be determined by a field survey performed by a licensed surveyor or upon consultation with EQT.

1:1,161,728

OH WV PA

**10/25/2024**



4705100987	47-051-00987-00	1245	1254 CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.811206	-80.608894	0	0 FRYE, BERNARD G. M-438	OTHER-P & A
4705100976	47-051-00976-00	1084	1093 CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.811206	-80.61228	0	0 FRYE, BERNARD G. M-434	OTHER-P & A
4705170505	47-051-70505-00	1421	0 (N/A)	UNREPORTED	UNREPORTED	(N/A)	39.813964	-80.596673	0	0 MELVIN CLARK	UNREPORTED-UNREPORTED
4705101151	47-051-01151-00	1217	1226 CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.805173	-80.602871	0	0 JAMISON, JEAN M-381	OTHER-P & A
4705100997	47-051-00997-00	1195	1204 CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.806668	-80.6109	0	0 DAVIS, JOHN & BEVERLY M-378	OTHER-P & A
4705170164	47-051-70164-00	1401	0 BP	UNREPORTED	UNREPORTED	BP	39.829496	-80.626308	2374	0 ELIJAH WILLIAMS	UNREPORTED-UNREPORTED
4705101065	47-051-01065-00	1420	1429 CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.801336	-80.609271	0	0 STEELE, KENNETH WAYNE M-386	OTHER-P & A
4705101077	47-051-01077-00	1420	1429 CONSOLIDATION COAL COMPANY	P & A	OTHER	CONSOLIDATION COAL COMPANY	39.820204	-80.631392	0	0 MORRIS, CARROLL & ANNA M-110	OTHER-P & A
4705170513	47-051-70513-00	1269	0 (N/A)	UNREPORTED	UNREPORTED	(N/A)	39.827897	-80.623372	0	0 SUSANNA WILLIAMS	UNREPORTED-UNREPORTED
4705170507	47-051-70507-00	1266	0 (N/A)	UNREPORTED	UNREPORTED	(N/A)	39.815851	-80.598365	0	0 JUSTICE PHILLIPS	UNREPORTED-UNREPORTED
4705170510	47-051-70510-00	1279	0 (N/A)	UNREPORTED	UNREPORTED	(N/A)	39.821221	-80.60927	0	0 WILLIAM D PHILLIPS	UNREPORTED-UNREPORTED
4705100625	47-051-00625-00	1379	1388 CNX	P & A	OIL	CNX GAS COMPANY	39.808884	-80.606449	3092	3092 GRAY, WILLIAM 3	OIL-P & A
4705101375	47-051-01375-00	1399	1408 MCELROY COAL COMPANY	P & A	OTHER	MCELROY COAL COMPANY	39.815372	-80.595647	0	0 PARSONS, WILLIAM & NANCY M 450	OTHER-P & A
4705100903	47-051-00903-00	1214	1224 CONSOLIDATION COAL COMPANY	P & A	OIL	CONSOLIDATION COAL COMPANY	39.79916	-80.614911	2985	2985 STEELE, KENNETH WAYNE M-392	OIL-P & A

## Laterals

API_UWL_Un	API_UWL_12	ElevationG	ElevationK	ENVOperato	ENVWellSta	ENVWellTyp	InitialOpe	Latitude	Longitude	MD_FT	TVD_FT	WellName	WellSymbo
4705102425	47-051-02425-00	1337	1363	SOUTHWESTERN ENERGY	PRODUCING	GAS	SWN PROD	39.791866	-80.607499	27375	8267	CHARLES JAMISON MSH 410H	GAS-PRODUCING
4705102294	47-051-02294-00	1335	1361	SOUTHWESTERN ENERGY	PRODUCING	GAS	SWN PROD	39.791892	-80.607655	21230	7154	CHARLES JAMISON MSH 6H	GAS-PRODUCING
4705102301	47-051-02301-00	1335	1363	SOUTHWESTERN ENERGY	PRODUCING	GAS	SWN PROD	39.791879	-80.607586	0	7292.86	CHARLES JAMISON MSH 10H	GAS-PRODUCING
4705102302	47-051-02302-00	1335	1363	SOUTHWESTERN ENERGY	PRODUCING	GAS	SWN PROD	39.7918763	-80.6075548	23950	7284.53	CHARLES JAMISON 210H	GAS-PRODUCING

**BRECKENRIDGE S LEASE  
WELL 26HM  
EQT PRODUCTION CO.**

2,286' B.H. 499' T.H.  
T.H. LATITUDE 39°50'00"  
B.H. LATITUDE 39°50'00"

TAG	SURFACE OWNER	PARCEL	ACRES
A	CNX LAND, LLC	3-19-76	53.25
B	CNX LAND, LLC	3-19-75	47.40
C	CNX LAND, LLC	P/O 3-18-1	P/O 30
D	CNX LAND, LLC	P/O 3-18-1	P/O 30
E	KEVIN R. EVANS	3-14-18	101.80
F	CNX LAND, LLC	3-14-15.1	10.682
G	CNX LAND, LLC	3-14-15.3	8.98
H	CNX LAND, LLC	3-14-15.2	1.15
I	CNX LAND, LLC	3-14-15	11.21
J	CNX LAND, LLC	3-14-16	6.7
K	CNX LAND, LLC	3-13-18	82.47
L	CHELSIE N & JOHN J DEANGELO	3-14-13	31.887
M	CNX LAND, LLC	3-14-17	17.08
N	CNX LAND, LLC	3-14-19	146.875
O	EUGENE AND RUTH EVANS ESTATES C/O TERRY EVANS	3-18-17	50.41
P	HENRY DONALD BRIGGS IRREVOCABLE TRUST	3-18-18	31.25
Q	EUGENE AND RUTH EVANS ESTATES C/O TERRY EVANS	3-18-22	44.50
R	MOLLY KAY HUBBS ET AL	3-18-21.1	1.45
S	MOLLY KAY HUBBS COLLINS AND OLIVIA SUZANNE HUBBS	3-18-21	17.042
T	MARSHALL COUNTY COAL RESOURCES INC	3-18-15	58.47
U	WILLIAM E. PARSONS ET UX	7-2-12	83.08
V	GATHA M. CECIL	P/O 7-2-14.3	3.898
W	WV DOH	N/A	2.15
X	LAIKEN JANELEE BOYD	7-2-14.4	5
Y	WILLIAM E. PARSONS ET UX	7-2-17	29.312
Z	WILLIAM E. PARSONS ET UX	7-2-18	56.06
AA	CNX LAND, LLC	7-2-24	10.21
BB	CNX LAND, LLC	7-2-23	10.48
CC	CNX LAND, LLC	P/O 7-2-22	P/O 48 AC 150 P
DD	CNX LAND, LLC	7-2-14.2	2.321

LINE	BEARING	DISTANCE
L1	S 58°01' E	180.53'
L2	N 50°34' E	3416.27'
L3	S 18°51' E	210.20'
L4	S 21°15' E	447.75'
L5	S 09°11' W	1278.61'

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)

NAD'83 S.P.C.(FT) N. 486,518.95 E. 1,652,063.93  
 NAD'83 GEO. LAT-(N) 39.830291 LONG-(W) 80.626776  
 NAD'83 UTM (M) N. 4,408,988.11 E. 531,937.04

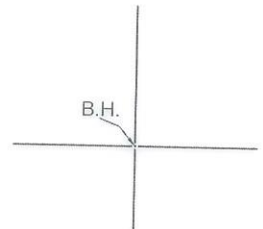
**LANDING POINT**

NAD'83 S.P.C.(FT) N. 488,529.7 E. 1,656,472.1  
 NAD'83 GEO. LAT-(N) 39.835962 LONG-(W) 80.611170  
 NAD'83 UTM (M) N. 4,409,623.2 E. 533,269.8

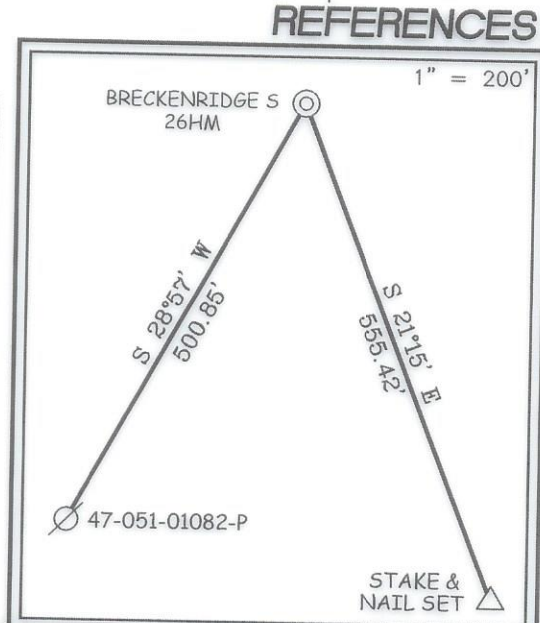
**BOTTOM HOLE**

NAD'83 S.P.C.(FT) N. 478,762.6 E. 1,661,886.1  
 NAD'83 GEO. LAT-(N) 39.809332 LONG-(W) 80.591469  
 NAD'83 UTM (M) N. 4,406,675.1 E. 534,968.9

T.H. LONGITUDE 80°37'30"  
B.H. LONGITUDE 80°35'00"  
1,108' T.H.  
8,743' B.H.



CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	83.51'	83.65'	80.20'	S 36°29' E
C2	260.67'	147.15'	145.20'	S 76°38' E
C3	644.13'	277.30'	275.16'	N 72°55' E
C4	1728.59'	331.91'	331.40'	N 56°09' E
C5	591.61'	766.00'	713.61'	S 87°59' E
C6	774.61'	271.81'	270.42'	S 40°33' E
C7	1906.88'	506.27'	504.78'	S 36°36' E
C8	1913.79'	868.98'	861.53'	S 31°52' E
C9	1911.90'	79.89'	79.89'	S 20°03' E
C10	1911.35'	270.95'	270.72'	S 25°18' E



**NOTES ON SURVEY**

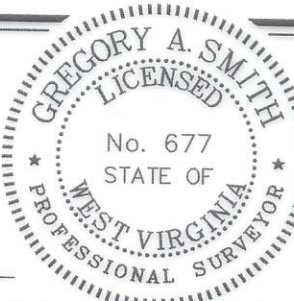
- NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
- WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
 1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
 254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296  
 slswv.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 DATE OCTOBER 9, 20 24  
 REVISED \_\_\_\_\_, 20 \_\_\_\_  
 OPERATORS WELL NO. BRECKENRIDGE S-26HM  
 API WELL NO. 47 - 051 - 02433  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 9026EQT-P26HMR7.dwg  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY: DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION:  
 ELEVATION 1,370.61' WATERSHED GRAVE CREEK (HUC 10) & LAUREL RUN  
 DISTRICT CAMERON COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER CNX LAND LLC ACREAGE 53.25±  
 ROYALTY OWNER COUNTRY ROADS MINERALS, LLC, ET AL ACREAGE 53.25±

PROPOSED WORK:  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS  
 ESTIMATED DEPTH TVD: 6,977' / TMD: 21,265'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW  
 ADDRESS 400 WOODCLIFF DRIVE ADDRESS 427 MIDSTATE DRIVE  
CANONSBURG, PA 15317 CLARKSBURG, WV 26301

COUNTY NAME  
PERMIT

10/25/2024

**BRECKENRIDGE S LEASE  
WELL 26HM  
EQT PRODUCTION CO.**

2,286' B.H. 499' T.H.

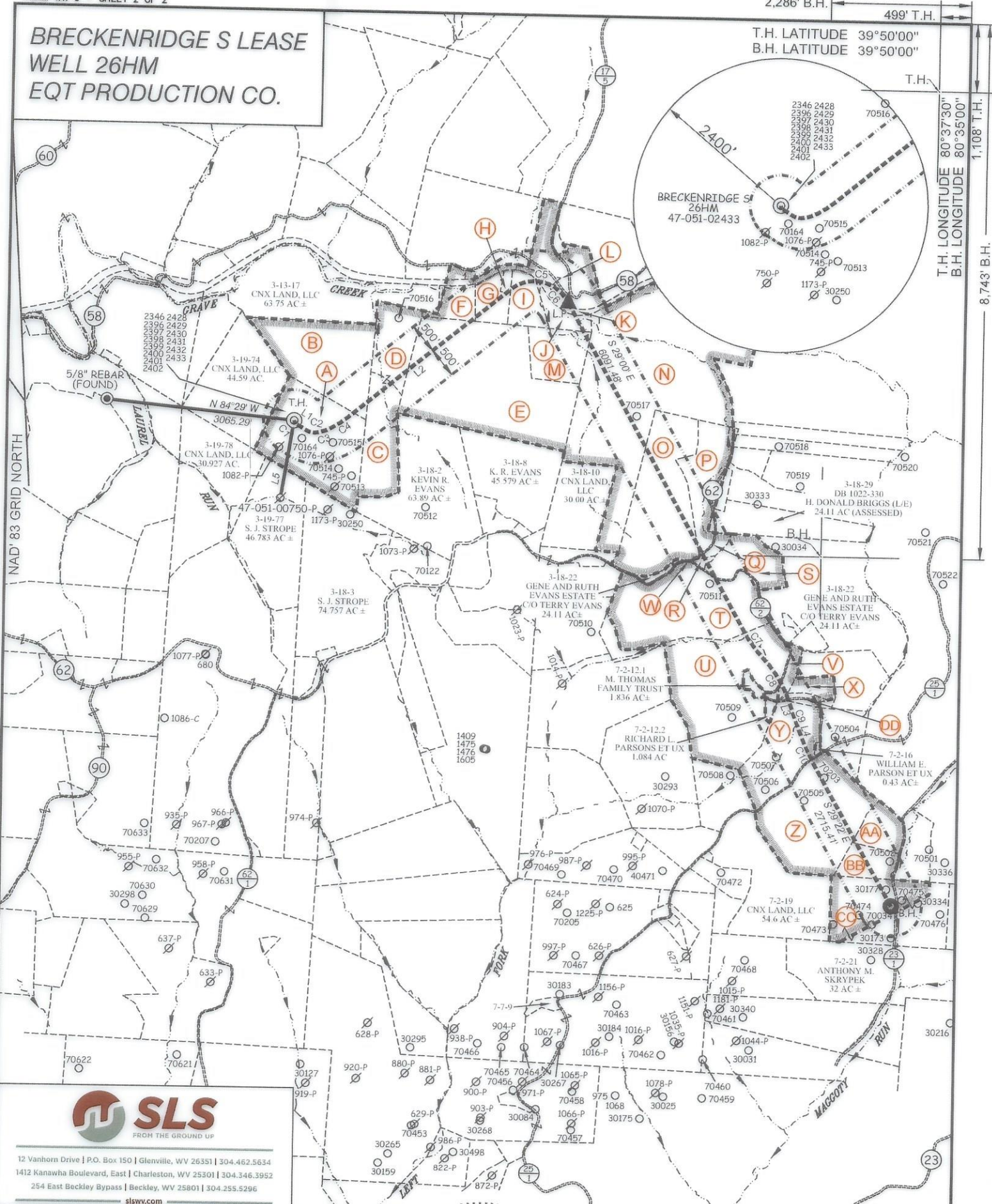
T.H. LATITUDE 39°50'00"  
B.H. LATITUDE 39°50'00"

T.H.

T.H. LONGITUDE 80°37'30"  
B.H. LONGITUDE 80°35'00"

1,108' T.H.

8,743' B.H.



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634  
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952  
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

sllsw.com

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17)

NAD'83 S.P.C.(FT) N. 486,518.95 E. 1,652,063.93  
NAD'83 GEO. LAT. (N) 39.830291 LONG. (W) 80.626776  
NAD'83 UTM (M) N. 4,408,988.11 E. 531,937.04

LANDING POINT

NAD'83 S.P.C.(FT) N. 488,529.7 E. 1,656,472.1  
NAD'83 GEO. LAT. (N) 39.835962 LONG. (W) 80.611170  
NAD'83 UTM (M) N. 4,409,623.2 E. 533,269.8

BOTTOM HOLE

NAD'83 S.P.C.(FT) N. 478,762.6 E. 1,661,886.1  
NAD'83 GEO. LAT. (N) 39.809332 LONG. (W) 80.591469  
NAD'83 UTM (M) N. 4,406,675.1 E. 534,968.9



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

P.S. 677 *Gregory A. Smith*

LEGEND

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- TAX MAP-PARCEL
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

COUNTY NAME PERMIT

SCALE 1" = 2000' FILE NO. 9026EQT-P26HMR7.dwg

DATE OCTOBER 9, 20 24  
REVISED \_\_\_\_\_, 20 \_\_\_\_  
OPERATORS WELL NO. BRECKENRIDGE S-26HM  
API WELL NO. 47-051-02433  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DIVISION OF  
ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



WELL OPERATOR EQT PRODUCTION COMPANY  
ADDRESS 400 WOODCLIFF DRIVE  
CANONSBURG, PA 15317

DESIGNATED AGENT JOSEPH C. MALLOW  
ADDRESS 427 MIDSTATE DRIVE  
CLARKSBURG, WV 26301

10/25/2024

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6A, Section 5(a)(5)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attached				


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**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company  
 By: Branden Weimer   
 Its: Regional Manager - Subsurface Permitting

Tag	Tax Parcel	Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
			<b>Country Roads Minerals, LLC, et al.</b>			"at least 1/8th per WV Code 22-6-8"	
/ A	3-19-76	241117001	James R. Wayt, single Trans Energy, Inc. Trans Energy, Inc. Republic Energy Ventures, LLC, et al. American Shale Development Inc. EQT Production Company TH Exploration, LLC	53.25 ac	Trans Energy, Inc. Republic Energy Ventures, LLC Republic Energy Ventures, LLC American Shale Development Inc. EQT Production Company EQT Production Company TH Exploration, LLC EQT TGH Exploration LLC		DB 729/40 AB 24/260 AB 27/172 AB 37/25 DB 968/541 AB 48/21 CB 2/472
			<b>Sitio Appalachia, LLC</b>			"at least 1/8th per WV Code 22-6-8"	
/ B	3-19-75	240505000	Katherine Zogg Oliver, a married woman dealing in her sole and separate property Great Lakes Energy Partners LLC  Range Resources - Appalachia, LLC Chesapeake Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. SWN Exchange Titleholder LLC SWN Production Company LLC Statoil USA Onshore Properties Inc. Equinor USA Onshore Properties Inc. TH Exploration, LLC	109.01 ac	Great Lakes Energy Partners LLC Range Resources - Appalachia, LLC Chesapeake Appalachia, LLC Statoil USA Onshore Properties Inc. Statoil USA Onshore Properties Inc. SWN Production Company LLC SWN Exchange Titleholder LLC SWN Production Company LLC TH Exploration, LLC Equinor USA Onshore Properties Inc. TH Exploration, LLC EQT TGH Exploration LLC		DB 663/449 CB 19/443  AB 23/368 AB 24/363 AB 33/110 AB 33/424 CB 19/624 AB 49/604 CB 2/427 AB 49/604 CB 2/472
			<b>Bounty Minerals, LLC, et al.</b>			"at least 1/8th per WV Code 22-6-8"	
/ C	p/o 3-18-1	241102002	Goshorn Ridgle LLC Trans Energy, Inc. Trans Energy, Inc. Republic Energy Ventures, LLC American Shale Development Inc. Republic Energy Ventures, LLC Republic Partners VIII, LLC, et al. American Shale Development Inc.	937 ac	Trans Energy, Inc. Republic Energy Ventures, LLC Republic Energy Ventures, LLC American Shale Development Inc. Republic Partners VIII, LLC Republic Partners VIII, LLC  EQT Production Company EQT Production Company		DB 723/192 AB 24/425 AB 27/172 AB 28/184 AB 31/482  AB 37/25 DB 968/541
			<b>Bounty Minerals, LLC, et al.</b>			"at least 1/8th per WV Code 22-6-8"	
/ D	p/o 3-18-1	241102001	Bounty Minerals, LLC TH Exploration, LLC	836.998 ac	TH Exploration, LLC EQT TGH Exploration LLC		DB 928/393 CB 2/472

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			<b>Kevin R. Evans</b>				"at least 1/8th per WV Code 22-6-8"
/ E	3-14-18	240544000	Kevin R. Evans, a married man dealing in his sole and separate property Chevron U.S.A. Inc. EQT Production Company TH Exploration, LLC	101.8 ac	Chevron U.S.A. Inc. EQT Aurora, LLC TH Exploration, LLC EQT TGHL Exploration LLC	DB 1008/561 AB 47/1 AB 50/1 CB 2/472	
			<b>Bounty Minerals, LLC</b>				"at least 1/8th per WV Code 22-6-8"
/ F	3-14-15.1	240666000	Bounty Minerals, LLC TH Exploration, LLC	95.607 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 1144/330 CB 2/472	
			<b>Resource Minerals Headwater I, LP</b>				"at least 1/8th per WV Code 22-6-8"
/ G	3-14-15.3	238398000	Resource Minerals Headwater I, LP TH Exploration, LLC	20.19 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 940/448 CB 2/472	
			<b>CNX Land Resources, Inc.</b>				"at least 1/8th per WV Code 22-6-8"
/ H	3-14-15.2	239288000	CNX Gas Company LLC TH Exploration, LLC	1.15 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 1098/564 CB 2/472	
			<b>Resource Minerals Headwater I, LP</b>				"at least 1/8th per WV Code 22-6-8"
/ I	3-14-15	238398000	Resource Minerals Headwater I, LP TH Exploration, LLC	20.19 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 940/448 CB 2/472	
			<b>Joyce A. Cole and Randall Cole, et al.</b>				"at least 1/8th per WV Code 22-6-8"
/ J	3-14-16	241449002	Joyce A. Cole and Randall Cole, wife and husband TH Exploration, LLC	23.78 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 959/291 CB 2/472	
			<b>CNX Gas Company LLC</b>				"at least 1/8th per WV Code 22-6-8"
/ K	3-13-18	239294000	CNX Gas Company LLC TH Exploration, LLC	55.52 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 1098/576 CB 2/472	
			<b>Bounty Minerals, LLC</b>				"at least 1/8th per WV Code 22-6-8"
/ L	3-14-13	149629000	Bounty Minerals, LLC Chevron U.S.A. Inc. EQT Production Company TH Exploration, LLC		Chevron U.S.A. Inc. EQT Aurora, LLC TH Exploration, LLC EQT TGHL Exploration LLC	DB 953/630 AB 47/1 AB 50/267 CB 2/472	
			<b>Joyce A. Cole and Randall Cole, et al.</b>				"at least 1/8th per WV Code 22-6-8"
/ M	3-14-17	241449002	Joyce A. Cole and Randall Cole, wife and husband TH Exploration, LLC	23.78 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 959/291 CB 2/472	

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✓ N	3-14-19	241450001	<u>Neil J. Newman</u> Neil J. Newman and Doris D. Newman, husband and wife TH Exploration, LLC	146.875 ac	TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	DB 916/127 CB 2/472
✓ O	3-18-17	241115001	<u>Phillip C. McGuire and Janice R. McGuire, et al.</u> Phillip C. McGuire and Janice R. McGuire American Shale Development, Inc. Republic Energy Ventures, LLC, et al. American Shale Development Inc. EQT Production Company TH Exploration, LLC	93 ac	American Shale Development, Inc. Republic Energy Ventures, LLC Republic Energy Ventures, LLC EQT Production Company EQT Production Company TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	DB 825/475 AB 33/255 AB 37/25 DB 968/541 AB 48/21 CB 2/472
✓ P	3-18-18	241115001	<u>Phillip C. McGuire and Janice R. McGuire, et al.</u> Phillip C. McGuire and Janice R. McGuire American Shale Development, Inc. Republic Energy Ventures, LLC, et al. American Shale Development Inc. EQT Production Company TH Exploration, LLC	93 ac	American Shale Development, Inc. Republic Energy Ventures, LLC Republic Energy Ventures, LLC EQT Production Company EQT Production Company TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	DB 825/475 AB 33/255 AB 37/25 DB 968/541 AB 48/21 CB 2/472
✓ Q	3-18-22	241110006	<u>Gregory Cladys Evans, et al.</u> Gregory Cladys Evans, divorced TH Exploration, LLC	64.55 ac	TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	DB 1123/294 CB 2/472
✓ R	3-18-21.1	241105001	<u>Judy K. Matthews, et al.</u> Judy K. Matthews TH Exploration, LLC	3.289 ac	TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	DB 983/558 CB 2/472
✓ S	3-18-21	241103003	<u>Olivia S. Allen, et al.</u> James Timothy Hubbs Testamentary Trust of Molly Kay Hubbs and James Timothy Hubbs Trust of Olivia Suzanne Hubbs, c/o Judy Kay Matthews, Trustee American Shale Development Inc. Republic Energy Ventures, LLC, et al. American Shale Development Inc. EQT Production Company TH Exploration, LLC	177.408 ac	American Shale Development Inc. Republic Energy Ventures, LLC Republic Energy Ventures, LLC EQT Production Company EQT Production Company TH Exploration, LLC EQT TGH Exploration LLC	"at least 1/8th per WV Code 22-6-8"	DB 848/6 AB 33/255 AB 37/25 DB 968/541 AB 48/21 CB 2/472
			<u>CNX Gas Company LLC</u>			"at least 1/8th per WV Code 22-6-8"	

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/ I	3-18-15	239298000	CNX Gas Company LLC TH Exploration, LLC	58.47 ac	TH Exploration, LLC EQT TGHL Exploration LLC	DB 1098/570 CB 2/472
/ U	7-2-12	238874000	<u>Nancy L. Parsons, et al.</u> William E. Parsons and Nancy L. Parsons, husband and wife TH Exploration, LLC	203.382 ac	TH Exploration, LLC EQT TGHL Exploration LLC	"at least 1/8th per WV Code 22-6-8" DB 1011/486 CB 2/472
/ V	p/o 7-2-14.3	241794001	<u>Gatha M. Cecil, et al.</u> Gatha M. Cecil, a single woman TH Exploration, LLC	4.325 ac	TH Exploration, LLC EQT TGHL Exploration LLC	"at least 1/8th per WV Code 22-6-8" DB 926/138 CB 2/472
/ W	WVDOH	268028000	<u>West Virginia Department of Transportation, Division of Highways</u> West Virginia Department of Transportation, Division of Highways	2.15 ac	EQT TGHL Exploration LLC	"at least 1/8th per WV Code 22-6-8" DB 1198/453
/ X	7-2-14.4	238681000	<u>Sondra F. Cecil Living Trust dated October 1, 2012</u> Gatha M. Cecil, Trustee of The Sondra F. Cecil Living Trust, dated October 1, 2012 TH Exploration, LLC	5 ac	TH Exploration, LLC EQT TGHL Exploration LLC	"at least 1/8th per WV Code 22-6-8" DB 970/82 CB 2/472
/ Y	7-2-17	238874000	<u>Nancy L. Parsons, et al.</u> William E. Parsons and Nancy L. Parsons, husband and wife TH Exploration, LLC	203.382 ac	TH Exploration, LLC EQT TGHL Exploration LLC	"at least 1/8th per WV Code 22-6-8" DB 1011/486 CB 2/472
/ Z	7-2-18	238874000	<u>Nancy L. Parsons, et al.</u> William E. Parsons and Nancy L. Parsons, husband and wife TH Exploration, LLC	203.382 ac	TH Exploration, LLC EQT TGHL Exploration LLC	"at least 1/8th per WV Code 22-6-8" DB 1011/486 CB 2/472
/ AA	7-2-24	269408000	<u>CNX Gas Company LLC</u> CNX Gas Company LLC	20.69 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8" DB 1201/290
/ BB	7-2-23	269408000	<u>CNX Gas Company LLC</u> CNX Gas Company LLC	20.69 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8" DB 1201/290
/ CC	7-2-22	7222	<u>Lawrence Paul Chambers, et al.</u> Randolph Chambers and Pauline Catherine Chambers, his wife, et al. Manufacturers Light and Heat Company  Columbia Gas Transmission Corporation Chesapeake Appalachia, L.L.C.	48 ac	Manufacturers Light and Heat Company Columbia Gas Transmission Corporation  Chesapeake Appalachia, L.L.C. Statoilhydro USA Onshore Properties Inc.	"at least 1/8th per WV Code 22-6-8" DB 371/135 DB 422/204 DB 662/322, DB 663/592, DB 871/34, & DB 928/270 DB 675/279

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Statoilhydro USA Onshore Properties Inc.  
Statoil USA Onshore Properties Inc.  
Chesapeake Appalachia, L.L.C.  
SWN Exchange Titleholder LLC

SWN Production Company, LLC

Statoil USA Onshore Properties Inc.  
SWN Exchange Titleholder LLC  
SWN Production Company, LLC  
SWN Production Company, LLC

EQT Production Company

WWSOS  
AB 33/424  
AB 33/110  
CB 19/624  
Leasehold Commitment Agreement dated  
October 1, 2024

DD

7-2-14.2

269408000

CNX Gas Company LLC  
CNX Gas Company LLC

2.321 ac EQT Production Company

"at least 1/8th per  
WV Code 22-6-8"

DB 1201/290

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October 1, 2024

VIA ELECTRONIC MAIL

SWN Production Company, LLC  
10000 Energy Drive  
Spring, Texas 77389

Re: Leasehold Commitment Agreement  
EQT Production Company Proposed Breckenridge South Unit Area 7HM, 8HM, 9HM, 10HM, 24HM,  
25HM, and 26HM Wells  
Cameron, Liberty and Meade Districts, Marshall Co., WV

Dear Gavin:

This letter (this "**Leasehold Commitment Agreement**") shall serve as a formal agreement between EQT Production Company, LLC, a Pennsylvania company with an address of 400 Woodcliff Drive, Canonsburg, PA 15317 ("EQT") and SWN Production Company, a Texas limited liability company with an address of 10000 Energy Drive, Spring, Texas 77389 ("SWN"), Equinor USA Onshore Properties Inc., a Delaware corporation, whose address is 2107 City West Blvd, Houston, Texas 77042 ("EQNR") (SWN and EQNR are collectively referred to as "SWN/EQNR") regarding certain tracts of land and leases in Cameron, Liberty, and Meade Districts, Marshall County, West Virginia, as described in the attached Exhibit "A", wherein SWN/EQNR may own a leasehold or fee interest in the oil and gas rights (the "**Subject Tracts**"). Intending to be legally bound hereby, the parties agree as follows:

EQT and SWN/EQNR executed an Acreage Trade Agreement on September 6, 2024 ("Trade Agreement") with respect to certain tracts in Marshall and Wetzel County, West Virginia, covering the leasehold and fee interests owned by each company, and it has come to EQT's attention that the Subject Tracts, which SWN/EQNR and EQT included in said Trade Agreement, are located within EQT's Breckenridge South Unit Area (the "**Units**"). EQT plans to drill wells (the "**Wells**") in these Units and the wellbore laterals for such Wells may reach the Subject Tracts prior to EQT and SWN/EQNR closing the aforementioned Trade Agreement. EQT intends to drill the Wells to the Marcellus Formation. As used herein, "**Marcellus Formation**" means all depths and formations from five-hundred feet (500') above the correlative stratigraphic equivalent of the top of the Tully Limestone of the Mahantango formation, the top of such formation being at a measured depth of 7398 feet on the Log, down to two-hundred feet (200') below the correlative stratigraphic equivalent of the top of the Onondaga Limestone formation, the top of such formation being at a measured depth of 7576 feet on the log of the 1 BURLEY J WELL, API No. 4705100539, IN Marshall County, West Virginia.

Subject to the terms and conditions of this Leasehold Commitment Agreement, SWN/EQNR consents to and grants EQT all of SWN/EQNR's rights to make regulatory permit applications and, upon receipt of all necessary permits and governmental approvals, to proceed to develop such Oil and Gas Leases and Fee Interests and extract, produce and market the Hydrocarbons therefrom.

As noted above, EQT and SWN/EQNR executed a Trade Agreement, and the parties included the Subject Tracts among those interests to be assigned by SWN/EQNR to EQT. Within ten days following the earliest to occur (on a Subject Tract-by-Subject Tract basis) of the following (as applicable, the "**Conveyance Date**"): (a) the date that a Subject Tract is fully and finally excluded from the assignment to occur pursuant to the Trade Agreement; or (b) the date that the Trade Agreement is terminated in accordance with

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express terms, the following items in clauses (1) and (2) below shall occur (each being deemed to occur simultaneously and each being a condition to the other). For clarity, those Subject Tracts that have not been assigned or leased to EQT pursuant to a Trade Agreement on or before the applicable Conveyance Date are, collectively, the “*SWN/EQNR Remaining Tracts*”.

- (1) SWN/EQNR and EQT shall execute, acknowledge, and deliver to one another an assignment, bill of sale, and conveyance pursuant to which SWN/EQNR will assign to EQT all of SWN/EQNR’s right, title, and interest in and to the SWN/EQNR Remaining Tracts to which it owns leasehold, limited to the Marcellus Formation, and or (ii) an oil and gas lease pursuant to which SWN/EQNR will lease to EQT all of SWN/EQNR’s right, title, and interest in and to the SWN/EQNR Remaining Tracts to which it owns fee interests, limited to the Marcellus Formation.
- (2) EQT shall pay to SWN/EQNR, by wire transfer of immediately available funds to an account designated in writing by SWN/EQNR, an amount equal to (y) the sum of the net acres for the SWN/EQNR Remaining Tracts (which shall be equal to the number set forth in Exhibit “A” under the column heading “Lease Net Acres” for each such SWN/EQNR Remaining Tract), *multiplied by* (z) \$10,000.00.

EQT shall be fully responsible for and shall release, defend, indemnify and hold SWN/EQNR harmless from and against any and all losses, expenses, damages, injuries, claims or obligations and liabilities (including attorneys’ fees) arising from or relating to EQT’s activities and operations under this Leasehold Commitment Agreement.

This Leasehold Commitment Agreement is governed by the laws of West Virginia. This Leasehold Commitment Agreement may be executed in counterparts, which when taken together, will form one instrument. **Neither Party shall be liable to the other Party for any special, incidental, consequential, punitive or exemplary damages related to, arising out of, or connected with this Leasehold Commitment Agreement.** This Leasehold Commitment Agreement, together with the Trade Agreement, represent the entire agreement of the Parties with respect to the subject matter hereof and supersedes all prior verbal and/or written agreements with respect to the subject matter hereof.

If the above terms and conditions of this Leasehold Commitment Agreement are acceptable to you, please indicate your approval in the space provided below and return an executed copy of this Leasehold Commitment Agreement to the attention of the undersigned.

Should you have any questions, please contact the undersigned at (724)802-2353 or by email at [greg.godbey@eqt.com](mailto:greg.godbey@eqt.com).

Respectfully,  
  
EQT Production Company  
  
Greg Godbey, CPL

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[SIGNATURE PAGE TO FOLLOW]

**SWN:**

**SWN PRODUCTION COMPANY, LLC**

*Derek Cutright*

00DE5C65B64F480...

By: Derek Cutright

Its: Vice President

Initial Initial DS  
*DC* *DC* *PMB*

**EQNR:**

**EQNR USA ONSHORE PROPERTIES INC.**

*Eric Luszczyk*

46BC709B14C94A2

By: Eric Luszczyk

Its: Manager - Land

Initial  
*DL*

**EOT:**

**EOT PRODUCTION COMPANY**

*Corey C. Peck*

B89B4A94E0C646A

By: Corey C. Peck

Its: Vice President - Land

DS DS DS  
*CC* *MS* *ME*

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**EXHIBIT "A"**

Attached to and made a part of that certain Leasehold Commitment Agreement, dated September 26, 2024, by and between EQT and SWN/EQNR.

Original Lessor	Original Lessee	BK/PG	Lease Effective Date	Gross Acres	Leased Net Acres	Tracts Conveyed
HOLT PHYLLIS J AND WILLIAM J HOLT HUSBAND JOHN H	COLUMBIA GAS TRANSMISSION	566/572	12/14/1994	30.980000	6.234759	07-0007-0005-0000
DAVID J MULLEN AND SANDRA MULLEN HUSBAND AND WIFE	SWN PRODUCTION COMPANY LLC	931/432	7/6/2017	30.980000	3.117380	07-0007-0005-0000
MARCIA L KERANS AND GARY KERANS WIFE AND HUSBAND	SWN PRODUCTION COMPANY LLC	931/436	7/6/2017	30.980000	3.117380	07-0007-0005-0000
UNKNOWN HEIRS OF AGNES BRUHN	SWN PRODUCTION COMPANY LLC	1073/617	2/13/2020	30.980000	1.558690	07-0007-0005-0000
WHIPKEY WILBUR AND MARY M WHIPKEY HIS WIFE	MANUFACTURERS LIGHT & HEAT COMPANY	360/234	11/28/1962	79.020000	79.020000	07-0007-0008-0001
CHAMBERS CLARENCE AND BESSIE CHAMBERS HIS WIFE; LYLE DOBBS	MANUFACTURERS LIGHT & HEAT COMPANY	375/164	2/15/1965	33.778000	20.246204	07-0002-0020-0000
CHAMBERS CLARENCE AND BESSIE CHAMBERS HIS WIFE BESSIE DEL	MANUFACTURERS LIGHT & HEAT COMPANY	375/149	2/15/1965	32.000000	1.620801	07-0002-0021-0000
CHAMBERS RANDOLPH AND PAULINE CATHERINE CHAMBERS HIS WIFE;	MANUFACTURERS LIGHT & HEAT COMPANY	371/135	6/21/1964	48.938000	25.646885	07-0002-0022-0000

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EQT PRODUCTION COMPANY  
400 Woodcliff Drive | Canonsburg, PA 15317

October 11, 2024

*Via FedEx Overnight Delivery*

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304

RE: Well Work Permit Application Modification – EXPEDITED REVIEW REQUESTED  
Breckenridge S-26HM  
Permit Number 47-051-02433  
Cameron District, Marshall County, WV

WVDEP Recipient,

Attached please find the Well Work Permit Application for the well referenced above. You will find the following included with this submittal:

- Check in the amount \$7,500.00 for the expedited permit modification fee
- Completed WW-6B and supporting documents, approved by the O&G Inspector
- Well Location Plat
- Completed Form WW-6A<sub>1</sub> and supporting documentation
- Hydraulic Fracturing Monitoring Plan
- Offset Well Map and Table

EQT is proposing to extend the lateral from the previously permitted length.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our Permitting department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Best Regards,

Branden Weimer  
Regional Manager – Permitting  
[Branden.Weimer@eqt.com](mailto:Branden.Weimer@eqt.com)  
412-997-7940

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10/25/2024